

ASSIGNED
No 43882

ORIGINAL
APPLICATION FOR PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office JUN 12 1981
Returned to applicant for correction SEP 2 1981
Corrected application filed _____
Map filed SEP 10 1981 under 43881

The applicant Phillips Petroleum Company
P.O. Box 6256, of Reno,
Street and No. or P.O. Box No. City or Town
Nevada 89513, hereby make application for permission to appropriate the public
State and Zip Code No.
waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorpora-
tion; if a copartnership or association, give names of members.) June 13, 1917 - Delaware

1. The source of the proposed appropriation is Underground
Name of stream, lake or other source.
2. The amount of water applied for is ten (10) second-feet
One second-foot equals 448.83 gals. per min.
(a) If stored in reservoir give number of acre-feet _____ acre-feet
3. The water to be used for industrial and domestic
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.
4. If use is for:
(a) Irrigation (state number of acres to be irrigated) _____
(b) Stockwater (state number and kinds of animals to be watered) _____
(c) Other use (describe fully under "No. 12. Remarks") industrial and domestic
(d) Power:
(1) Horsepower developed _____
(2) Point of return of water to stream _____
5. The water is to be diverted from its source at the following point: NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 6, T17N-R20E at a
point 6499.43' on a bearing of S 05° 24' 35" W. from the northwest corner of
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land,
section 32, T18N-R20E, all M.D.B.&M.
it should be stated.
6. Place of use all of sections 31, 32, T18N-R20E and all of sections 5, 6, T17N-R20E.
Describe by legal subdivision, if on unsurveyed land it should be so stated.
all M.D.B.&M.
7. Use will begin about January 1st and end about December 31st, of each year.
Month and Day Month and Day
8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Drill a well of 8-inch or larger diameter to
a depth of 8000 feet or less. Steam and water will be diverted from the well
State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.
through pipes

9. Estimated cost of works.....\$1,000,000.....

10. Estimated time required to construct works.....Five (5) years.....
If well completed, describe works.

11. Estimated time required to complete the application to beneficial use.....Eight (8) years.....Piping will be installed just prior to applying water to beneficial use.

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

It is planned to reinject the geothermal fluids into the reservoir once the heat energy has been extracted. Steam loss and evaporation is estimated at 10% of total flow. Therefore, estimated annual consumption is 722.7 acre-feet per year.

PHILLIPS PETROLEUM COMPANY

By s/Frank Yeaman

Frank Yeaman, applicant or agent

Compared sg/dh.....bt/bc.....

P.O. Box 6256

Reno, Nevada 89513

APPROVAL.....OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. If the well is flowing, a valve must be installed and maintained to prevent waste. Accurate measurement must be kept of water placed to beneficial use. This source is located within an area designated by the State Engineer, pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

This permit is to appropriate geothermal fluids only and all cold, fresh water aquifers are to be sealed off to prevent waste and contamination.

The used Geothermal fluids are to be returned to the source.

This permit is further issued subject to the condition that the power or energy generated by the beneficial use of this water or steam is subject to recapture and use within the boundaries of the State of Nevada when the need arises.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed.....10.....cubic feet per second., and not to exceed.....a consumptive use of 722.7 acre-feet yearly.....

Actual construction work shall begin on or before.....N/A.....

Proof of commencement of work shall be filed before.....N/A.....

Work must be prosecuted with reasonable diligence and be completed on or before.....February 9, 1983.....

Proof of completion of work shall be filed before.....March 9, 1983.....

Application of water to beneficial use shall be made on or before.....February 9, 1988.....

Proof of the application of water to beneficial use shall be filed on or before.....March 9, 1988.....

Map in support of proof of beneficial use shall be filed on or before.....

Commencement of work filed.....IN TESTIMONY WHEREOF, I PETER G. MORROS

Completion of work filed.....State Engineer of Nevada, have hereunto set my hand and the seal of

Proof of beneficial use filed.....my office, this 9th day of FEBRUARY

Cultural map filed.....

Certificate No.....Issued.....A.D. 19 82

218 (Rev. 9-80) Abrogated By 5094 10-0 State Engineer

CANCELLED OCT 14 1981 BECAUSE OF FAILURE OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT